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OM protein - protein search, using sw model

Run on: January 16, 2003, 16:43:32 : Search time 5.14286 seconds
(without alignments)
28 606 Million cell updates/sec

Title: US-09-856-070-26

Perfect score: 28

Sequence: 1 QDYE 5

Scoring table: BROSUM62

Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422923 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents:AA:*

- 1: /cgn2.6/prodata/2/iaa/5A-COMB.pep.*
- 2: /cgn2.6/prodata/2/iaa/5B-COMB.pep.*
- 3: /cgn2.6/prodata/2/iaa/6A-COMB.pep.*
- 4: /cgn2.6/prodata/2/iaa/6H-COMB.pep.*
- 5: /cgn2.6/prodata/2/iaa/PCTUS-COMB.pep.*
- 6: /cgn2.6/prodata/2/iaa/ha-klit-s1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	28	100.0	168	4	US-09-376-113-5
2	28	100.0	175	4	US-09-376-113-7
3	28	100.0	686	4	US-09-040-725A-1
4	28	100.0	1024	4	US-09-562-737-85
5	28	100.0	1332	2	US-08-971-241-2
6	28	100.0	1332	4	US-09-286-891-2
7	25	89.3	161	4	US-09-080-983-17
8	25	89.3	210	2	US-08-969-106-13
9	25	89.3	276	1	US-07-612-674-5
10	25	89.3	279	1	US-07-612-674-8
11	25	89.3	280	2	US-08-969-106-11
12	25	89.3	296	1	US-09-071-035-40
13	25	89.3	338	4	US-09-232-160-17
14	25	89.3	317	4	US-09-071-035-38
15	25	89.3	371	4	US-09-233-342A-5
16	25	89.3	401	2	US-08-549-004A-5
17	25	89.3	401	4	US-09-051-982A-5
18	25	89.3	405	2	US-08-881-857-2
19	25	89.3	405	1	US-09-233-342A-2
20	25	89.3	433	4	US-09-595-424-2
21	25	89.3	494	4	US-09-595-424-4
22	25	89.3	505	1	US-07-745-206A-23
23	25	89.3	505	2	US-08-311-367-23
24	25	89.3	538	1	US-07-914-2820-5
25	25	89.3	538	1	US-08-276-887A-5
26	25	89.3	538	5	PCT US93-02460-5
27	25	89.3	598	1	US-08-455-543A-41

ALIGNMENTS

RESULT 1

US-09-376-113-5
: Sequence 5, Application US/09376113
: Patent No. 6451992
: GENERAL INFORMATION:
: APPLICANT: Cupp, Eddie Wayne
: APPLICANT: Cupp, Mary Smith
: TITLE OF INVENTION: Antithrombin Nucleotides and Proteins
: FILE REFERENCE: 5721-10
: CURRENT APPLICATION NUMBER: US/09/376,113
: NUMBER OF SEQ ID NOS: 7
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 5
: LENGTH: 168
: TYPE: PRT
: ORGANISM: Haematobia irritans
US-09-376-113-5

Query Match 100.0%; Score 28; DB 4; Length 168;
Best local Similarity 100.0%; Pred. No. 58;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QDYE 5
Db 76 QDYE 80

RESULT 2

US-09-376-113-7
: Sequence 7, Application US/09376113
: Patent No. 6451992
: GENERAL INFORMATION:
: APPLICANT: Cupp, Eddie Wayne
: APPLICANT: Cupp, Mary Smith
: TITLE OF INVENTION: Antithrombin Nucleotides and Proteins
: FILE REFERENCE: 5721-10
: CURRENT APPLICATION NUMBER: US/09/376,113
: CURRENT FILING DATE: 1999-08-17
: NUMBER OF SEQ ID NOS: 7
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 7
: LENGTH: 175
: TYPE: PRT
: ORGANISM: Haematobia irritans
US-09-376-113-7

Query Match 100.0%; Score 28; DB 4; Length 175;

Best Local Similarity 100.0%; Pred. No. 61;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
|||||
Db 83 QYEE 87

RESULT 4

US-09-040-725A-1
; Sequence 1, Application US/09040725A
; Patent No. 639584
; GENERAL INFORMATION:
; APPLICANT: Institut Curie
; APPLICANT: CNRS
; APPLICANT: Arpin, Monique
; APPLICANT: Grepaldi, Tiziana
; APPLICANT: Gautreau, Alexis
; APPLICANT: Louvard, Daniel
; TITLE OF INVENTION: Pharmaceutical composition containing ezrin mutated
; FILE REFERENCE: 39108200100
; CURRENT APPLICATION NUMBER: US/09/040-725A
; FILING DATE: 1998-03-18
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 586
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-040-725A-1

Query Match 100.0%; Score 28; DB 4; Length 586;
Best Local Similarity 100.0%; Pred. No. 21e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
|||||
Db 452 QYEE 356

RESULT 4

US-09-562-747-85
; Sequence 85, Application US/09562737
; Patent No. 6428967
; GENERAL INFORMATION:
; APPLICANT: Herz, Joachim
; APPLICANT: Gotthardt, Michael
; TITLE OF INVENTION: LDL Receptor Signaling Pathways
; FILE REFERENCE: USW0708
; CURRENT APPLICATION NUMBER: US/09/562,737
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 1024
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-562 747-85

Query Match 100.0%; Score 28; DB 4; Length 1024;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
|||||
Db 482 QYEE 486

RESULT 5

US-08-971-244-2
; Sequence 2, Application US/08971244
; Patent No. 5891719
; GENERAL INFORMATION:
; APPLICANT: Cohen, Lucy
; APPLICANT: Bacuerle, Patrick
; TITLE OF INVENTION: IKAP Proteins, Nucleic Acids and Methods
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 75 DENISE DRIVE
; CITY: HILLSBOROUGH
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94010
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/971,244
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: OSMAN, RICHARD A
; REGISTRATION NUMBER: 36,627
; REFERENCE/DOCKET NUMBER: T97-011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 343-4341
; TELEFAX: (650) 343-4342
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1332 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-971-244-2

Query Match 100.0%; Score 28; DB 2; Length 1332;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QYEE 5
|||||
Db 1074 QYEE 1078

RESULT 6

US-09-286-891-2
; Sequence 2, Application US/09286891
; Patent No. 6172195
; GENERAL INFORMATION:
; APPLICANT: Cohen, Lucy
; APPLICANT: Bacuerle, Patrick
; TITLE OF INVENTION: IKAP Proteins, Nucleic Acids and Methods
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCIENCE & TECHNOLOGY LAW GROUP
; STREET: 75 DENISE DRIVE
; CITY: HILLSBOROUGH
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94010
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.40
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/286,891
; FILING DATE:
; CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/971,244
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: OSMAN, RICHARD A.
 REGISTRATION NUMBER: 36,627
 REFERENCE/DOCKET NUMBER: T97-011
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 343-4341
 TELEFAX: (650) 343-4342
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1332 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-286-891-2

Query Match 100.0%; Score 28; DR 4; Length 1332;
 Best local Similarity 100.0%; Pred. No. 4.9e+02;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QDYE 5
 DB 1074 QDYE 1078

RESULT 7
 US-09-080-983-17
 Sequence 17, Application US/09080983
 Patent No. 6197948
 GENERAL INFORMATION:
 APPLICANT: Zhu, Hai-Ying
 APPLICANT: Ling, Kai-Shu
 APPLICANT: Gonsalves, Dennis
 TITLE OF INVENTION: GRAPHIC LINEAR VIRUS TYPE 2 PROTEINS
 TITLE OF INVENTION: AND THEIR USES
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Nixon, Hargrave, Devans & Doyle Lf
 STREET: Clinton Square, P O Box 1051
 CITY: Rochester
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 14603
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PATENT IN Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/080,983
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 60/047,194
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Goldman, Michael L.
 REGISTRATION NUMBER: 30,727
 REFERENCE/DOCKET NUMBER: 19603/1631
 TELEPHONE: (716) 263-1304
 TELEFAX: (716) 263-1600
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 161 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-09-080-983-17

Query Match 89.3%; Score 25; DR 4; Length 161;
 Best local Similarity 80.0%; Pred. No. 2.3e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 QDYE 5
 DB 2 EDYEE 6

RESULT 8
 US-08-969-106-13
 Sequence 13, Application US/08969106
 Patent No. 5986055
 GENERAL INFORMATION:
 APPLICANT: Yang, M.
 APPLICANT: Nandabalan, K.
 APPLICANT: Schuiz, V.
 TITLE OF INVENTION: CDK2 INTERACTIONS
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSPQ Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/969,106
 FILING DATE: 13-NOV-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Mistrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 7934-057
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-759-9090
 TELEFAX: 212-869-9741
 TELETYPE: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 210 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-969-106-13

Query Match 89.3%; Score 25; DR 2; Length 210;
 Best local Similarity 80.0%; Pred. No. 3.1e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 QDYE 5
 DB 170 EDYEE 174

RESULT 9
 US-07-612-674-5
 Sequence 5, Application US/07612674
 Patent No. 5658792
 GENERAL INFORMATION:
 APPLICANT: NUEL, MARK J.
 APPLICANT: MCCLUNG, J. KEITH
 APPLICANT: STEWART, DAVID A.
 APPLICANT: DANNER, DAVID R.
 TITLE OF INVENTION: AN ANTIPROLIFERATIVE PROTEIN
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:

ADDRESSEE: GUSHMAN, DARRY & GUSHMAN
 STREET: 1100 NEW YORK AVENUE, N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/612 674
 FILING DATE: 19901114
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: SCOTT, WATSON T.
 REGISTRATION NUMBER: 26,581
 REFERENCE/DOCKET NUMBER: 5683/82332
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-861-3027
 TELEX: 6714627 CUSH
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 276 amino acids
 TYPE: AMINO ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US 07-612-674-5

Query Match 89.3%; Score 25; DB 1; Length 276;
 Best Local Similarity 80.0%; Pred. No. 4.1e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 QYEE 5
 Db 112 QYDE 116

RESULT 10
 US-07-612-674-8
 Sequence 8, Application US/07612674
 Patent No. 5658792
 GENERAL INFORMATION:
 APPLICANT: NIELL, MARK J.
 APPLICANT: McCLONG, J. KEITH
 APPLICANT: STEWART, DAVID A.
 APPLICANT: DANNER, DAVID B.
 TITLE OF INVENTION: AN ANTIPROLIFERATIVE PROTEIN
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: GUSHMAN, DARRY & GUSHMAN
 STREET: 1100 NEW YORK AVENUE, N.W.
 CITY: WASHINGTON
 STATE: D.C.
 COUNTRY: USA
 ZIP: 20005
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/612,674
 FILING DATE: 19901114
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: SCOTT, WATSON T.
 REGISTRATION NUMBER: 26,581
 REFERENCE/DOCKET NUMBER: 5683/82332
 TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3027
 TELEX: 6714627 CUSH
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 279 amino acids
 TYPE: AMINO ACID
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-07-612-674-8

Query Match 89.3%; Score 25; DB 1; Length 279;
 Best Local Similarity 80.0%; Pred. No. 4.1e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 QYEE 5
 Db 111 QYDE 115

RESULT 11
 US-08-969-106-11
 Sequence 11, Application US/08969106
 Patent No. 5986055
 GENERAL INFORMATION:
 APPLICANT: Yang, M.
 APPLICANT: Naudabalan, K.
 APPLICANT: Schulz, V.
 TITLE OF INVENTION: CDK2 INTERACTIONS
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds LLP
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/969,106
 FILING DATE: 13-NOV-1997
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: MIsrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 7934-057
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212-790-9090
 TELEX: 212-869-9741
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 280 amino acids
 TYPE: amino acid
 STRANDEDNESS:
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-969-106-11

Query Match 89.3%; Score 25; DB 2; Length 280;
 Best Local Similarity 80.0%; Pred. No. 4.1e+02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 1 QYEE 5
 Db 170 QYEE 174

RESULT 12
 US-09-071-035-40
 : Sequence 40, Application US/09071035
 : Patent No. 6448043
 : GENERAL INFORMATION:
 : APPLICANT: Gil H. Choi
 : TITLE OF INVENTION: Enterobacter faecalis Polynucleotides and polypeptides
 : NUMBER OF SEQUENCES: 496
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Human Genome Sciences, Inc.
 : STREET: 9410 Key West Avenue
 : CITY: Rockville
 : STATE: Maryland
 : COUNTRY: USA
 : ZIP: 20850
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
 : COMPUTER: HP Vectra 486/33
 : OPERATING SYSTEM: MSDOS version 6.2
 : SOFTWARE: ASCII Text
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/071,045
 : FILING DATE:
 : CLASSIFICATION:
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER:
 : FILING DATE:
 : ATTORNEY/AGENT INFORMATION:
 : NAME: A. Anders Brookes
 : REGISTRATION NUMBER: 36,373
 : REFERENCE/DOCKET NUMBER: PH369P2
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (301) 309-8504
 : TELEFAX: (301) 309-8512
 : INFORMATION FOR SEQ ID NO: 40:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 296 amino acids
 : TYPE: amino acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-09-071-035-40

Query Match 89.3%; Score 25; DB 4; Length 296;
 Best Local Similarity 80.0%; Pred. No. 4.4e-02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QDYPE 5
 Db 106 QDQOF 110
 III:1

RESULT 13
 US-09-232-160-17
 : Sequence 17, Application US/09232160
 : Patent No. 6368794
 : GENERAL INFORMATION:
 : APPLICANT: Steve Daniel
 : APPLICANT: James Gilmore
 : APPLICANT: Susan G. Stuart
 : APPLICANT: Laura Stuve
 : TITLE OF INVENTION: DETECTION OF ALTERED EXPRESSION OF GENES REGULATING CELL
 : FILE REFERENCE: PA-0003 US
 : CURRENT FILING DATE: 1999-01-15
 : NUMBER OF SEQ ID NOS: 23
 : SOFTWARE: PERL Program
 : SEQ ID NO 17
 : LENGTH: 298
 : TYPE: PRI
 : ORGANISM: Homo sapiens
 : FEATURE: -

: OTHER INFORMATION: 159452
 US-09-232-160-17
 Query Match 89.3%; Score 25; DB 4; Length 298;
 Best Local Similarity 80.0%; Pred. No. 4.4e-02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 QDYPE 5
 Db 45 QDVED 49
 III:1
 RESULT 14
 US-09-071-035-38
 : Sequence 38, Application US/09071035
 : Patent No. 6448043
 : GENERAL INFORMATION:
 : APPLICANT: Gil H. Choi
 : TITLE OF INVENTION: Enterobacter faecalis Polynucleotides and Polypeptides
 : NUMBER OF SEQUENCES: 496
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Human Genome Sciences, Inc.
 : STREET: 9410 Key West Avenue
 : CITY: Rockville
 : STATE: Maryland
 : COUNTRY: USA
 : ZIP: 20850
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
 : COMPUTER: HP Vectra 486/33
 : OPERATING SYSTEM: MSDOS version 6.2
 : SOFTWARE: ASCII Text
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/071,035
 : FILING DATE:
 : CLASSIFICATION:
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER:
 : FILING DATE:
 : ATTORNEY/AGENT INFORMATION:
 : NAME: A. Anders Brookes
 : REGISTRATION NUMBER: 36,373
 : REFERENCE/DOCKET NUMBER: PH369P2
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (301) 309-8504
 : TELEFAX: (301) 309-8512
 : INFORMATION FOR SEQ ID NO: 38:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 317 amino acids
 : TYPE: amino acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-09-071-035-38

Query Match 89.3%; Score 25; DB 4; Length 317;
 Best Local Similarity 80.0%; Pred. No. 4.7e-02;
 Matches 4; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QDYPE 5
 Db 127 QDQOF 131
 III:1

RESULT 15
 US-09-233-342A-5
 : Sequence 5, Application US/0923342A
 : Patent No. 6207803
 : GENERAL INFORMATION:
 : APPLICANT: KIRLY, KRISTINE K.
 : APPLICANT: GROSS, MITCHELL S.
 : APPLICANT: HUBLE, MARK ROBERT
 : TITLE OF INVENTION: HUMAN REQULEM

```

1 FILE REFERENCE: ATG-50013-1
2 CURRENT APPLICATION NUMBER: US/09/233,342A
3 CURRENT FILING DATE: 1999-01-19
4 PRIOR APPLICATION NUMBER: 08/881,857
5 PRIOR FILING DATE: 1997-06-24
6 PRIOR APPLICATION NUMBER: 60,021,299
7 PRIOR FILING DATE: 1996-06-26
8 NUMBER OF SEQ ID NOS: 5
9 SOFTWARE: FASTSEQ for Windows Version 3.0
10 SEQ ID NO: 5
11 LENGTH: 371
12 TYPE: PRT
13 ORGANISM: MURINE
14 US-09-233-342A-5

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Query Match      89.38; Score 25; DB 4; Length 371;
Host Local Similarity 80.08; Pred. No. 5.5e+02;
Matches 4: Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 QYEE 5
DB 150 EYEE 154

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Search completed: January 16, 2003, 16:59:15
Job time : 6.14286 secs

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